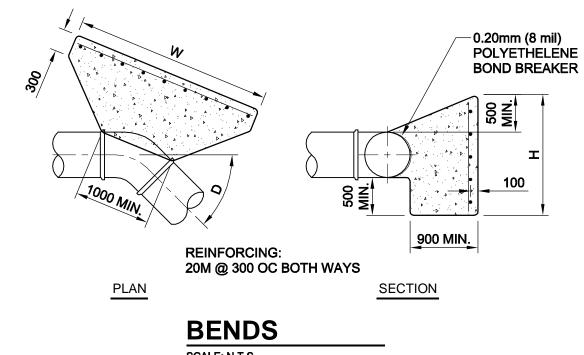


THRUST BLOCK DATA TABLE

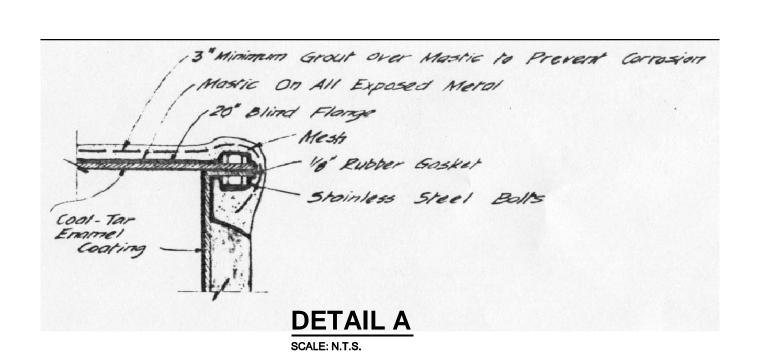
DEFLECTION BEARING ANGLE (m) (m) 3.52 1.6 2.2 45°-52°

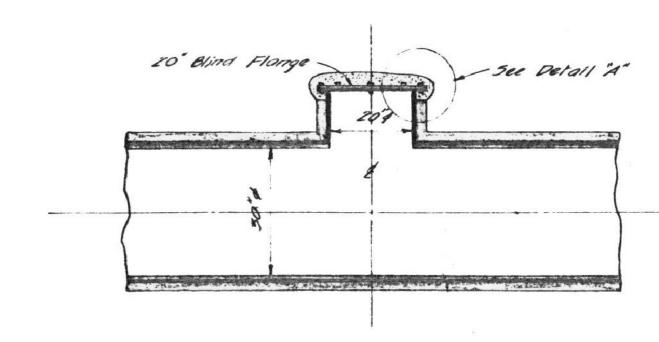
DESIGN CRITERIA

	PRESSURE	SOIL BEARING
LONG TERM	700 kPa	50 kPa

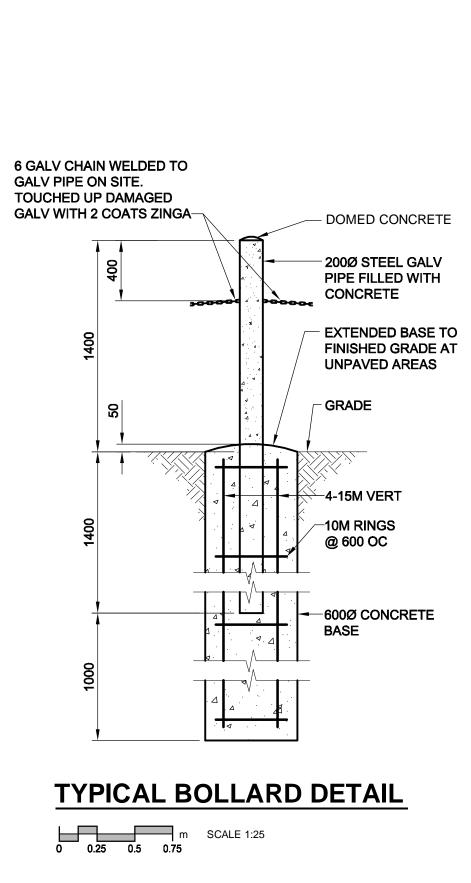








TYPICAL INSPECTION MANHOLE



13Ø HOLE-

INDIVIDUAL UTILITIES BEFORE PROCEEDING

WITH CONSTRUCTION.

WELD ON TO

50x50x12 PL

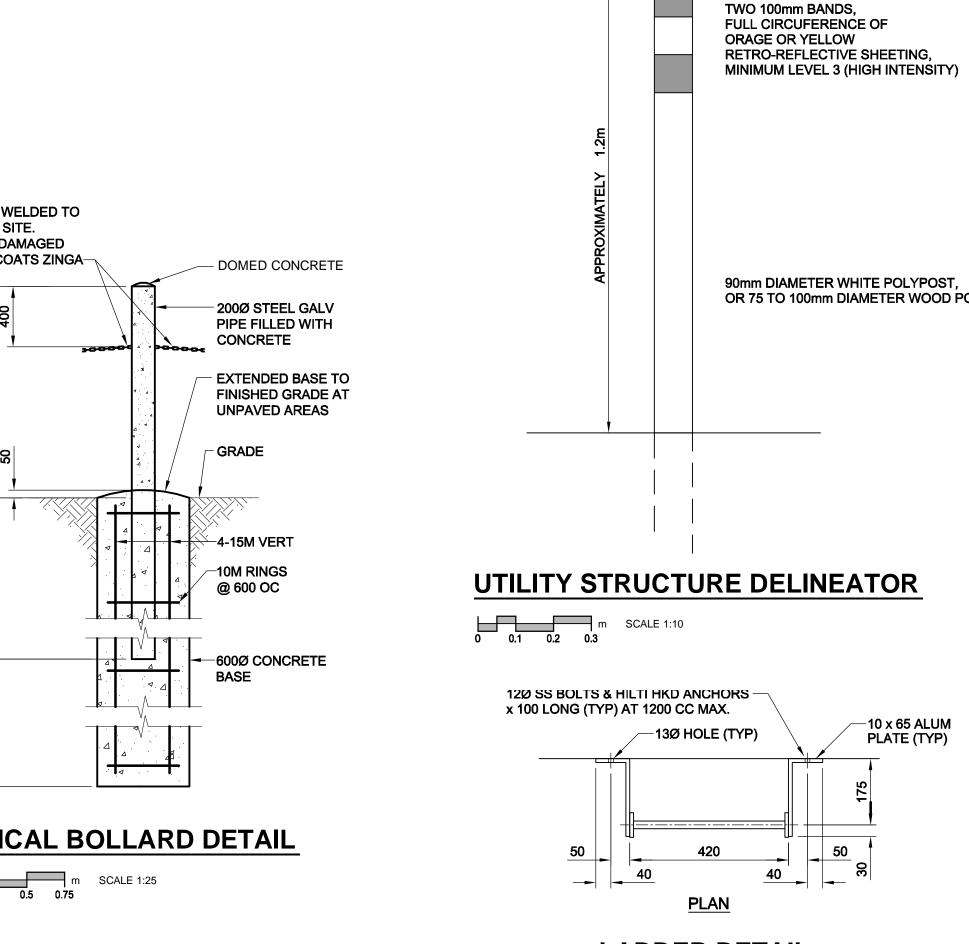
-25 SLOT

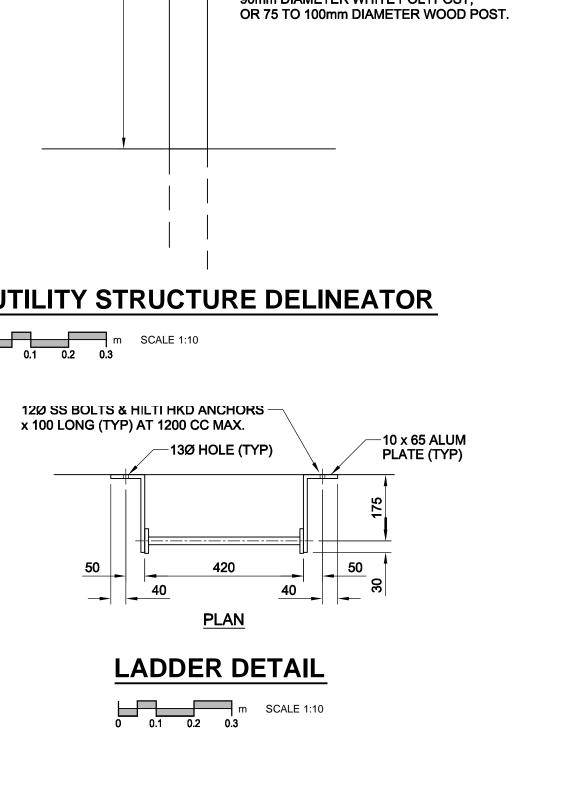
-HANDLE

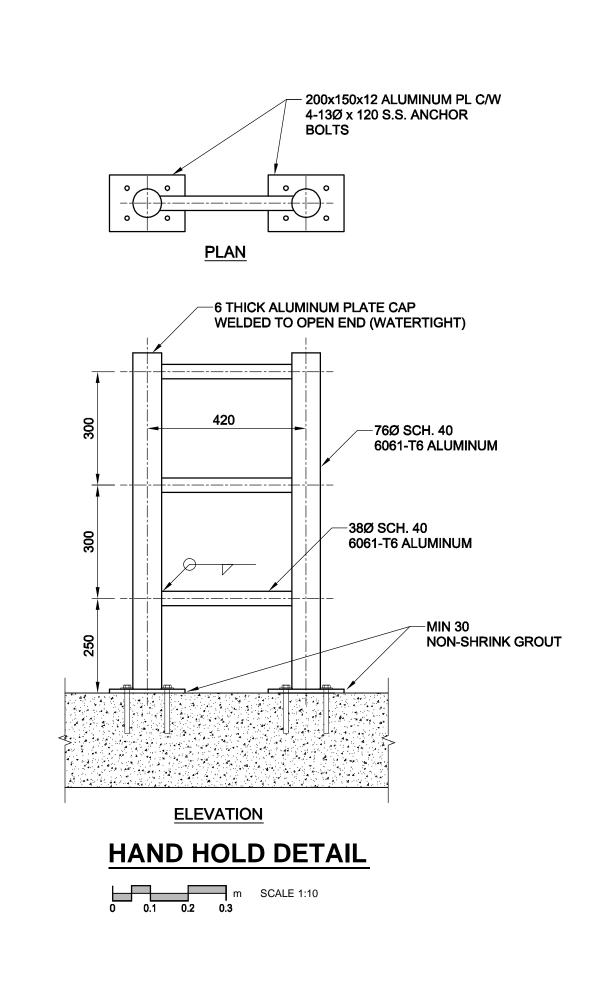
HANDLE PLAN

12Ø ROD

-50Ø HOLE









D265-202-01

6 CHECKERPLATE **ALUM COVER** ALUM 100x50x6 CHANNEL @ 400 OC

ACCESS HATCH HINGE SECTION

July 6/07

DATE

-6 CHECKERPLATE **ALUMINUM COVER** WELDED ALUM 100x50x6 CHANNEL @ 400 OC - INSULATE UNDERSIDE OF ALUMINUM COVER WITH 50 RIGID INSULATION 6x50x275 BAR ANCHORS @ 500 OC MIN 2 PER SIDE WELDED TO ANGLER

ACCESS HATCH FRAME SECTION

ACCESS HATCH METAL FABRICATION DETAILS

LOCK HASP FOR COVER 'A'

-ALUMINUM PLATE

ALUMINUM PLATE

125 WIDE, 75 DEEP

-ALUMINUM HANDLE & NUT

6x25x175

6x75x175

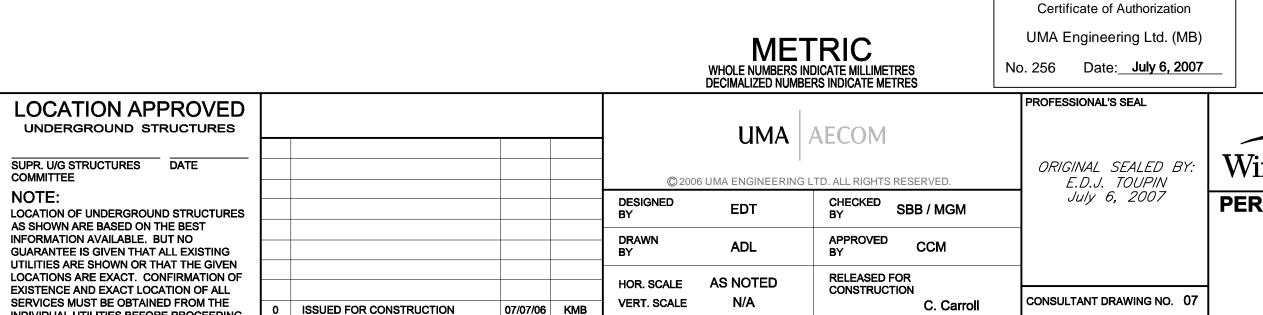
12Ø ROD

PL 10x40x60 LONG

WELDED TO L

ACCESS HATCH HANDLE SECTION

NO. REVISIONS



2007/07/06

07/07/06 KMB

YY/MM/DD BY

Winnipeg

BID OPPORTUNITY NO. 481-2007 THE CITY OF WINNIPEG **WATER AND WASTE DEPARTMENT**

PERIMETER ROAD PUMPING STATION UPGRADES SHEET 8 OF **CONTRACT A**

FORCEMAIN TWINNING

MISCELLANEOUS DETAILS 3

CITY DRAWING NUMBER 06088